



**OAQ CONTROL EQUIPMENT APPLICATION**  
**CE-08: Organics – Condenser**  
State Form 52625 (3-06)  
**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

**IDEM - Office of Air Quality - Permits Branch**  
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[www.IN.gov/idem/air/permits/index.html](http://www.IN.gov/idem/air/permits/index.html)

**NOTES:**

- The purpose of CE-08 is to identify all the parameters that describe the condenser. This is a required form.
- Complete this form once for each condenser (or once for each set of identical condensers).
- Detailed **instructions** for this form are available online at [www.in.gov/idem/air/permits/apps/instructions/ce08instructions.html](http://www.in.gov/idem/air/permits/apps/instructions/ce08instructions.html).
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

**PART A: Identification and Description of Control Equipment**

Part A identifies the control device and describes its physical properties.

1. Control Equipment ID:	
2. Installation Date:	
3. Type of Condenser:	<input type="checkbox"/> Conventional <input type="checkbox"/> Refrigeration <input type="checkbox"/> Cryogenic <input type="checkbox"/> Other (specify):
4. Condenser Category:	<input type="checkbox"/> Direct Contact <input type="checkbox"/> Indirect Contact <input type="checkbox"/> Other (specify):
5. Dew Point Temperature:	°F
6. Heat Transfer Efficiency (%):	
7. Hood Static Pressure (specify units):	Negative Pressure? <input type="checkbox"/> Yes <input type="checkbox"/> No
8. Is there a permanently installed Analyzer?	<input type="checkbox"/> No <input type="checkbox"/> Yes: Unit ID of the analyzer:
9. Is the Condenser used for Steam Stripping of Organics?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
10. Ice Buildup:	Explain how you plan to address the potential for ice build-up.

**PART B: Operational Parameters**

Part B provides the operational parameters of the control device and the pollutant laden gas stream.

	A. Units	B. Inlet	C. Outlet	D. Differential
11. Organic Vapor Concentration (by volume)	ppmv			
12. Gas Stream Flow Rate	ACFM			
13. Gas Stream Temperature	°F			
14. Gas Stream Pressure	inches of water			to
15. Coolant Flow Rate	GPM			
16. Coolant Temperature	°F			
17. Vapor Pressure	psi			to
18. Other (specify):				

### PART C: Pollutant Concentrations

Part C provides the pollutant concentrations of the pollutant laden gas stream.

	19. Units	20. Inlet	21. Outlet	22. Efficiency (%):	
				Capture	Control
<input type="checkbox"/> a. Hazardous Air Pollutant (HAP) <i>(specify)</i> :					
<input type="checkbox"/> b. Volatile Organic Compounds (VOC)					
<input type="checkbox"/> c. Other Pollutant <i>(specify)</i> :					

### PART D: Monitoring, Record Keeping, & Testing Procedures

Part D identifies any existing or proposed monitoring, record keeping, & testing procedures that may need to be included in the permit.

23. Item(s) Monitored:				
24. Monitoring Frequency:				
25. Item(s) Recorded:				
26. Record Keeping Frequency:				
27. Pollutant(s) Tested:				
28. Test Method(s):				
29. Testing Frequency:				

### PART E: Preventive Maintenance Plan

Part E verifies that a complete Preventive Maintenance Plan (PMP) has been prepared for the control device, if applicable. Use this table as a checklist to ensure that the PMP is complete.

#### 30. Do you have a Preventive Maintenance Plan (PMP)?

☐ No PMP is needed. ☐ Yes – the following items are identified on the PMP:

<input type="checkbox"/> A.	Identification of the individual(s) responsible for inspecting, maintaining and repairing emission control devices.
<input type="checkbox"/> B.	Description of the items or conditions that will be inspected.
<input type="checkbox"/> C.	Schedule for inspection of items or conditions described above.
<input type="checkbox"/> D.	Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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